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## Search method of multiple databases connected to network and developed independently - involves searching database which stores selected table, by producing data item and search conditions consisting of conditional expression of value

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Abstract (Basic): JP 11053383 A

NOVELTY - The detected data item, the data item containing the value which coincides to the search conditions within the candidate of a table, and a table are chosen. The database which stores the selected table is searched by producing the data item and the search conditions consisting of conditional expression of value. DETAILED DESCRIPTION - Using a dictionary consisting of the correspondence relation of the expression conversion of the data item of search conditions and the data item of a database, the conditions of a table and data item, and the range conditions of data item of a database, the expression of the data item of the designated search conditions is converted to the expression of the data item of a database. The candidate of the data item of the database for search and a table is detected from the data item to which the conversion of search conditions is performed. An INDEPENDENT CLAIM is also included for a search program recording medium.

USE - For searching databases connected to network and developed independently.

ADVANTAGE - Avoids wasteful search of database without value corresponding to concrete value of search conditions, since data item and table relevant to data item of search conditions can be searched from multiple databases. Raises possibility of search of data item since data item name of designated search conditions can be made to correspond to data item name of in a related database. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a search apparatus.

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## PATENT ABSTRACTS OF JAPAN

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(54) **PLURAL DATABASE RETRIEVAL METHOD AND  
RECORDING MEDIUM RECORDING PLURAL  
DATABASE RETRIEVAL PROGRAM OR THE  
LIKE**

part 5 retrieves a relevant data base 6 based on the  
produced retrieval conditions.

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To retrieve all data on the data items which are adaptive to the retrieval condition without fail and also to previously exclude the data which are not adaptive to the retrieval conditions out of the retrieval objects by selecting the data items and a table including the value adaptive to the retrieval conditions out of the detected data item and table candidates respectively.

**SOLUTION:** Receiving the retrieval conditions, an operation correspondence part 2 extracts the data items from the retrieval items and collates these items with a dictionary 1 to convert them into the data item representations. An object detection part 3 defines the converted data item representations as types to decide the duplication of data items of a data base to be retrieved and to detect the duplicated data items and a table containing these items as candidates. An object selection part 4 excludes the data items that never include the value adaptive to the retrieval conditions out of the candidates to select the data items and a table. Then a retrieval instruction generation/execution

